

B3 --9. (Amended) The cell of claim [7] 5, both subunits of said hormone being encoded by said first expression vector.

B4
12/27/77 --22. (Twice Amended) An expression vector encoding the ^{alpha and beta} ~~two different~~ subunits of a human fertility hormone selected from the group consisting essentially of hCG [,] and LH [,] and FSH].

B5
2 --29. (Amended) The expression vector of claim 23, pRF3³⁹⁸~~75~~ in [CL27] C127 cells, ATCC CRL 8401.

B6
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12/27/77
Subject 1 --33. (Twice Amended) A method for procuding [a] the biologically active human fertility hormone [selected from hCG,] LH [, and FSH] comprising culturing host cells comprising a first expression vector encoding at least [a portion] the beta subunit of said LH [hormone].

--34. (Twice Amended) The method of claim 33, [the first subunit of said hormone being encoded by said first expression vector and a second] the alpha subunit of said hormone being encoded by a second expression vector comprised in said host cell.

--35. (Amended) The method of claim 33, both alpha and beta subunits of said hormone being encoded by said first expression vector.

Add new claims 42 and 43:

B7
2c
16
42. (New) A method for producing biologically active hCG comprising culturing host ^{eukaryotic mammalian} cells comprising an expression vector encoding the alpha and beta subunits of said hCG. 4-